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REPORT OF ANNUAL MEETING OF THE FLORIDA ENTOMOLOGICAL SOCIETY

The annual fall meeting of the Society was held at the University of Florida in Gainesville, Friday afternoon and Saturday forenoon, November 19 and 20, 1937. The meeting was called to order by President R. L. Miller who asked that each one present introduce himself and tell where he is working in Florida.

The President appointed the following committees:

Committee on Nominations: W. L. Thompson, W. W. Yothers, C. B. Wisecup, M. R. Osburn, and A. N. Tissot.

Auditing Committee: C. C. Goff.

Following this brief business period the following papers were presented:

Discovery of *Naupactus leucoloma* Boh. in Florida and Alabama. J. R. Watson, Gainesville.

Structure of the Digestive, Nervous, and Reproductive Systems of *Naupactus leucoloma* Boh. A. N. Tissot, Gainesville.

Present Trends and Opportunities in Entomology. Dr. Herbert Osborn, Winter Park.

Some Difficulties in the Study of the Root-knot Organism. C. C. Goff, Leesburg.

Laboratory Studies of Poison Baits for the Control of the Southern Army Worm. C. B. Wisecup, Sanford.

Important Pecan Insects of Northern Florida. S. O. Hill, Monticello.

In addition to these scheduled papers the Bankhead appropriation for Entomological Research was briefly discussed by Jas. K. Holloway, Orlando.

The Entomologists' supper meeting which included an outdoor steak roast was held in a grove on the Experiment Station Farm. At that time the members and friends of the Society enjoyed a very interesting talk by Professor W. W. Yothers whose topic was "Entomological Highlights of Thirty-five Years". The speaker mentioned a number of the outstanding entomological discoveries of that period and called attention particularly to those made by workers in our Southland.

At the Saturday session the following papers were presented: Entomological Recommendations. R. L. Miller, Orlando.

Some Factors Influencing the Artificial Control of Scale Insects on Citrus. W. L. Thompson, Lake Alfred.

Recent Notes on Citrus Sprays. The Role of a Consulting Entomologist in the Citrus Industry. W. W. Yothers, Orlando.
The Garden Flea Hopper in Florida. (By title) J. W. Wilson, Lakeland.

The Mango Scale. (By title) E. W. Berger, Gainesville.

Present Status of the West Indian Fruit Flies in South Florida: Of the Blackfly in Key West. J. H. Montgomery, Gainesville.

The Better Fruit Program of the Citrus Exchange was briefly discussed by Frank Holland of Winter Haven who mentioned the relationship of entomology to that program.

Following the presentation of the papers the business session of the Society was held.

A proposed Constitution and By-Laws for the Society, prepared by J. T. Creighton, was read. After some discussion the members voted to adopt these as a temporary working guide for one year. Copies of this document are to be sent to each member of the Society and this will be presented at the next annual meeting for final adoption.

The Committee on Nominations presented the following who were elected as officers and members of the Executive Committee for the following year:

For President, W. V. King

For Vice-President, G. B. Merrill

For Secretary, A. N. Tissot

For Business Manager-Treasurer (for three years), J. W. Wilson

For Editor of Florida Entomologist, J. R. Watson

For Associate Editor, E. W. Berger

For Membership on the Executive Committee: R. L. Miller, ex-officio, W. L. Thompson, W. W. Yothers.

The Auditing Committee reported that the accounts of the Business Manager-Treasurer had been audited and found to be accurate and in good shape.

The Society authorized J. T. Creighton to present to the Cotton States Entomologists at their meeting in New Orleans, an invitation to hold their 1939 meeting in Florida.

The following members and friends attended the annual meeting:

Arey, Phil

Bartlett, F. J.

Berger, E. W.

Bragdon, K. E.

Braley, H. E.

Brownlee, J. M.

Creighton, J. T.

Foster, Harriet

Girardeau, J. H. Jr.

Goff, C. C.

Hill, S. O.

Hixson, Homer

Holland, Frank

Holloway, Jas. K.

Hunter, W. P.

Lauffer, C. H.

McNeel, T. E.

Maxwell, L. S.

Merrill, G. B.

Miller, R. L.

Montgomery, J. H.

Murrill, W. A.

Osborn, Herbert

Osburn, Max R.

Preer, J. R.

Reed, Dr.

Riherd, P. T.

Schultz, Mr.

Stahl, C. F.

Thompson, W. L.

Tissot, A. N.

Toffaletti, Jas.

Watson, J. R.

Wheeler, Kathleen V.

Wilson, J. W.

Wisecup, C. B.

Yothers, W. W.

A. N. TISSOT, *Secretary*

THE INSECT DEPRDATORS OF PURSLANE

LIST OF INSECTS FOUND ON PURSLANE (Continued from No. 3, p. 47)

Scientific Name		Part of Plant Affected	Observations
Genus	Species		
<i>Syrphidae</i>			
Paragus	<i>tibialis Fallen</i>	Tunnels the stems	
Sphaerophoria	<i>cylindrica Say</i>	Leaves	
HEMIPTERA—			
<i>Lygaeidae</i>			
Geocoris	<i>bullatus (Say)</i> 6, 44, 88, 99	Leaves	
Nysius	<i>delectus White</i> 64, 68	Leaves	
Nysius	<i>ericae (Schilling)</i> 4, 6, 15, 30, 32, 40, 41, 57, 88, 108, 109, 113	Leaves	
	<i>nebulosus (Fallen)</i> 6	Leaves	
Sphragisticus	<i>seriatus (Reuter)</i> 84, 106	Terminal growth	
<i>Miridae</i>			
Psallus	(abbreviata Patch) = rhamni Fons. 94	Under surface of leaves	
HOMOPTERA—			
<i>Aphididae</i>			
Aphis	<i>fabae Scopoli</i> 87	Leaves	
Aphis	<i>gossypii Glover</i> 9, 29, 44, 60, 62, 91, 95, 98, 103, 104, 121, 133, 135, 155	Under surface of leaves	
Aphis	<i>laburni Kaitenbach</i> 53, 87, 155	Young stems	
Aphis	<i>maidiradicis Forbes</i> 16, 22, 43, 60, 62, 65, 84, 117, 121, 155	Roots	
Aphis	<i>medicaginis Koch</i> 127, 138, 140	Growing terminals	
Aphis	<i>plantaginis Schrank</i> 143	Roots and leaves	
Aphis	<i>middletoni Thomas</i>	Roots	A number were observed on the roots.
	<i>pomi De C.</i> 93	Tender twigs, leaf buds	
Aphis	<i>spiraecola Patch</i> 85, 95, 136	Leaves	
Aphis	<i>phaseoli Passerini</i> 55	Roots	
Gecica	<i>solanifolia Ashm.</i> 138	Terminal growth	
Macrosiphum	<i>portulacae Macchiatii</i> 76, 155	Leaves	
Myzus	<i>persicae (Sulzer)</i> 59, 60, 80, 84, 134	Stems	
Myzus	<i>pseudosolani Theobald</i> 96	Leaves and growing structures	
	<i>plotnikovi Nevsky</i> 87	Leaves	
Xerophilaphis			
Pemphigus	<i>brevicornis (Hart.)</i> 11, 117	Roots	
(Tychea)			
			A few were taken from the leaves.

LIST OF INSECTS FOUND ON PURSLANE (*Continued*)

Scientific Name		Part of Plant Affected	Observations
Genus	Species		
HOMOPTERA— <i>Cicadellidae</i> <i>Agallia</i>			
<i>Eutettix</i>	<i>sanguinolenta</i> (<i>Prov.</i>)	Leaves	Many of them were taken from caged plants.
<i>Empoasca</i>	<i>tenellus</i> (<i>Baker</i>) 122	Leaves	
<i>Coccidae</i>	<i>sp. 1</i>	Leaves	
<i>Icerya</i>	<i>purchasi Maskell</i> 32, 33, 82, 84, 105, 112, 165	Leaves	
<i>Phenacoccus</i>	<i>solani Ferris</i> 32	Roots	
<i>Pseudococcus</i>	<i>brevipes Ckll.</i> 131	Roots	
<i>Pseudococcus</i>	<i>so'ani Ckll.</i> 31	Roots	
<i>Pseudococcus</i>	<i>virgatus Ckll.</i> 82	Underside of leaves	
HYMENOPTERA— <i>Tenthredinidae</i> <i>Schizocerus</i> <i>Schizocerus</i>			
	<i>lineata (Rohwer)</i>	Mines the leaves	Observed in large numbers mining the leaves.
	<i>zabriskei (Web. & Mall.)</i> 47, 70, 77, 144	Mines the leaves	
	<i>sp. 132</i>	Roots	
<i>Braconidae</i>	<i>sp.</i>	Leaves	A few were reared.
LEPIDOPTERA— <i>Coleophoridae</i> <i>Coleophora</i>			
<i>Noctuidae</i>	<i>cringera Butler</i> 127	Stem	
<i>Agrotis</i>	<i>ypsilon Rott.</i> 127	Stem	
<i>Agrotis</i>	<i>kerri Swezey</i> 128	Leaves	
<i>Euxoa</i>	<i>messoria Harr.</i> 49	Leaves	
<i>Euxoa</i>	<i>radians Guen.</i> 2, 18, 20	Leaves	
<i>Euxoa</i>	<i>tessellata Harr.</i> 49	Leaves	
<i>Feltia</i>	<i>malefida Guenee</i> 17	Leaves	
<i>Laphygma</i>	<i>frugiperda Smith & Abbott</i> 75, 84, 107	Leaves and tender stems	
<i>Lycophotia</i>	<i>margaritosa Haworth</i> 101, 123, 127	Stems	

LIST OF INSECTS FOUND ON PURSLANE (Concluded)

Genus	Scientific Name	Part of Plant Affected	Observations
Species			
Lycophotia	<i>saucia</i> Hbn. 17, 49	Buds	Observed in abundance.
Lycophotia	<i>infecta</i> Ochs. 17	Stems and leaves	
Mamestra	<i>trifolii</i> von Rott. 5, 16, 44	Stems	
Peridroma	<i>incisus</i> Guenee 11, 44	Leaves	
<i>Nymphalidae</i>			
Euptoietia	<i>claudia</i> Cram. 45, 119, 120, 153	Leaves	
Hypolimnias	<i>missippus</i> Linn. 3	Leaves	
<i>Pyralidae</i>			
Hellula	<i>undalis</i> Fabr. 10, 16, 44	Leaves	
Hymenia	<i>fascialis</i> Cramer 78, 102	Leaves	
Loxostege	<i>similalis</i> Guenee 5, 44, 84, 111	Leaves	
Nomophila	<i>noctuella</i> Dennis & Schiff. 35	Tunnels the stems	Observed in abundance.
Pyrausta	<i>nubilalis</i> Huebn. 7, 58, 84, 142	Tunnels the stems	
<i>Sphingidae</i>			
Celerio	<i>lineata</i> Fabr. 5, 10, 28, 33, 36, 37, 44, 51, 56, 61, 67, 70, 73, 74, 86, 89, 108, 118, 126		
	<i>gloveri</i> Grote 44, 107, 124		
Copidryas		Stems and leaves	
ORTHOPTERA—		Leaves	
<i>Acridae</i>	<i>spretus</i> Thom. 84, 115	Leaves	
Melanoplus	<i>retinerve</i> Burm. 108	Leaves	
<i>Locustidae</i>			
Microcentrum			J. R. Watson sent the author the name of this form 10-18-37. This form was sent to Watson by Mr. F. S. Blanton of Babylon, Long Island, New York and he sent the name to the author.
THYSANOPTERA—			
<i>Thripidae</i>			
Scirtothrips	<i>citri</i> (Moulton) 30, 32, 33, 66, 84, 105	Flowers and buds	
(Euthrips)		Terminal leaves	
Thrips	<i>tabaci</i> Lind. 116	Flowers	
Frankliniella	<i>tritici</i> Fitch		
Chirothrips	<i>manicatus</i> Hal.	Leaves	

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An index to volumes 1 to 19 inclusive of the Florida Entomologist is now in preparation. This index contains a table of contents arranged by volumes and an index of the insects by specific and varietal names. This index is to be sold at 75c a copy. Orders should be sent to J. W. Wilson, Business Manager, Lakeland, Florida. Subsequent volumes will have an index in the last number of each volume.

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